

TOP SECRET 8205660

FIG. 1A (PRIOR ART)

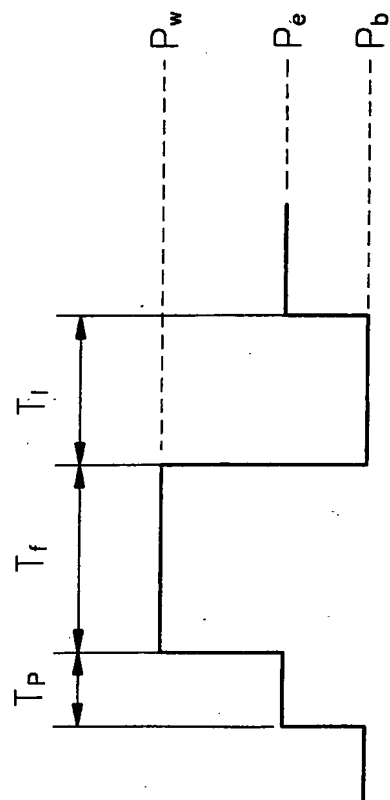


FIG. 1B (PRIOR ART)

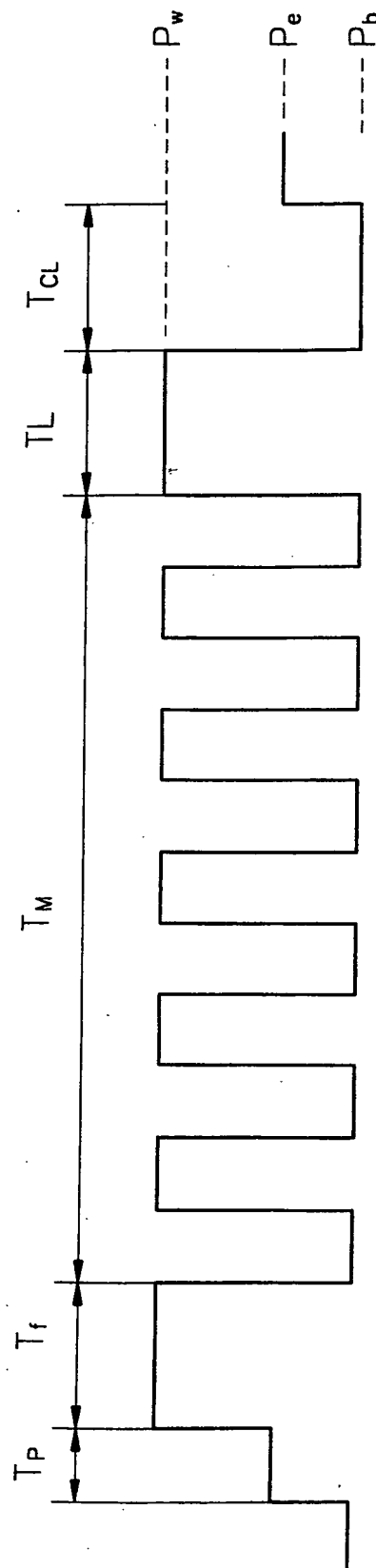
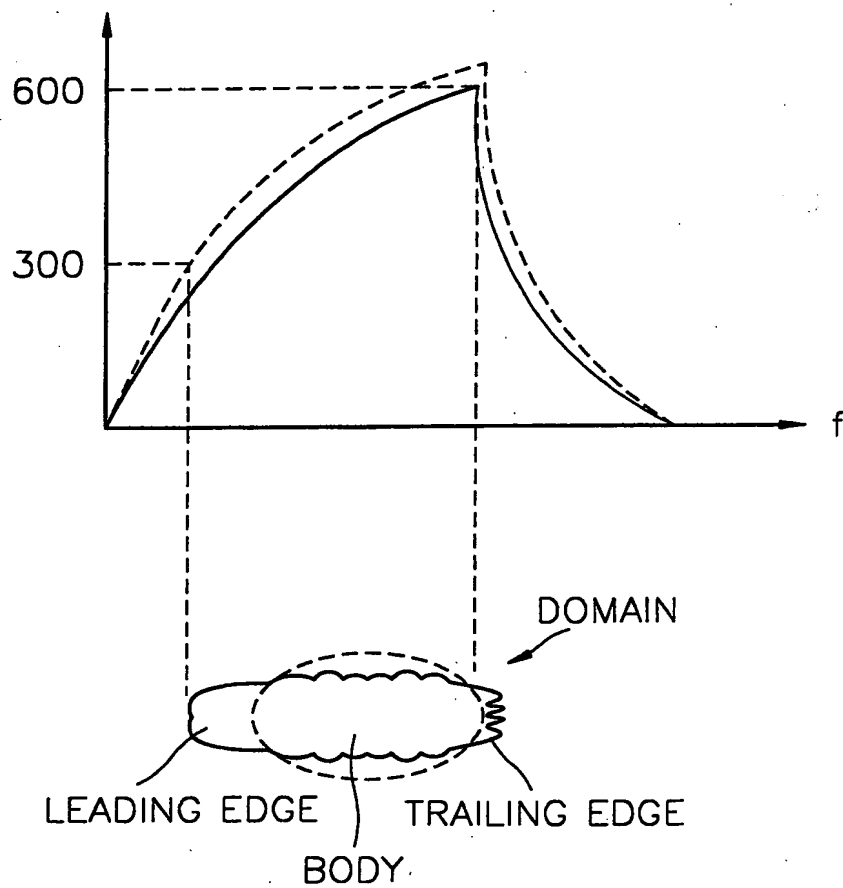


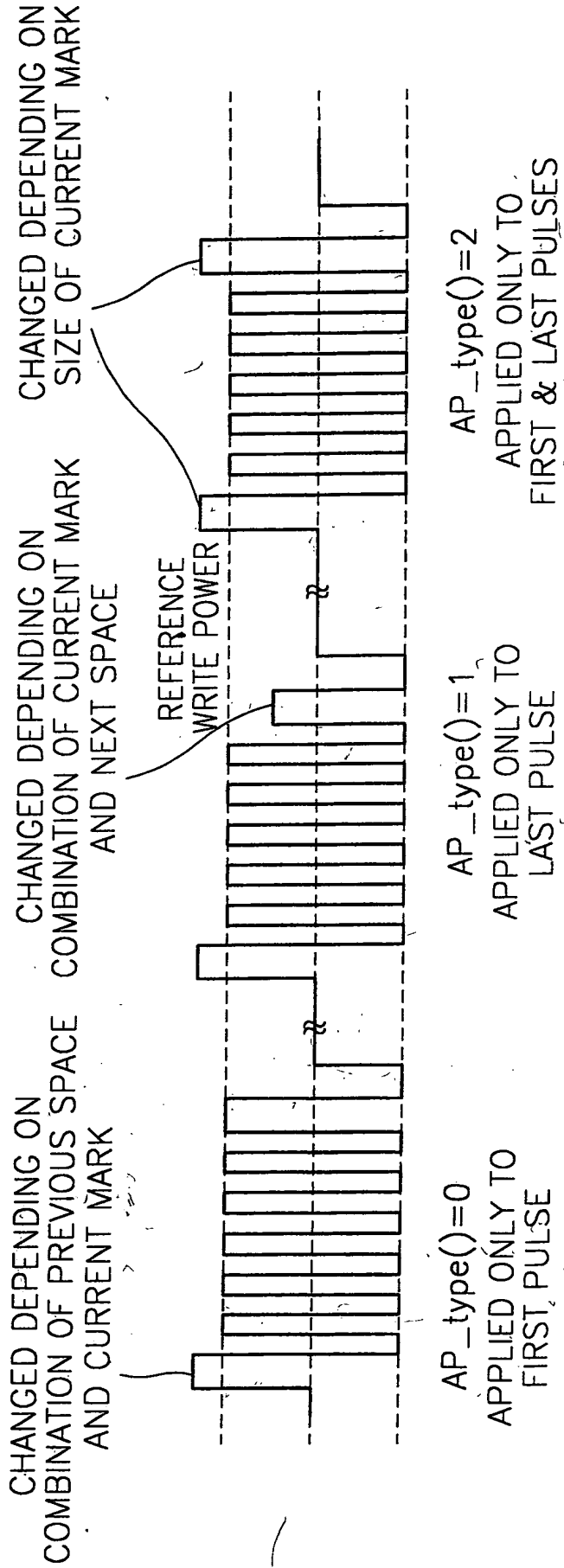
FIG. 2 (PRIOR ART)



009588-11294

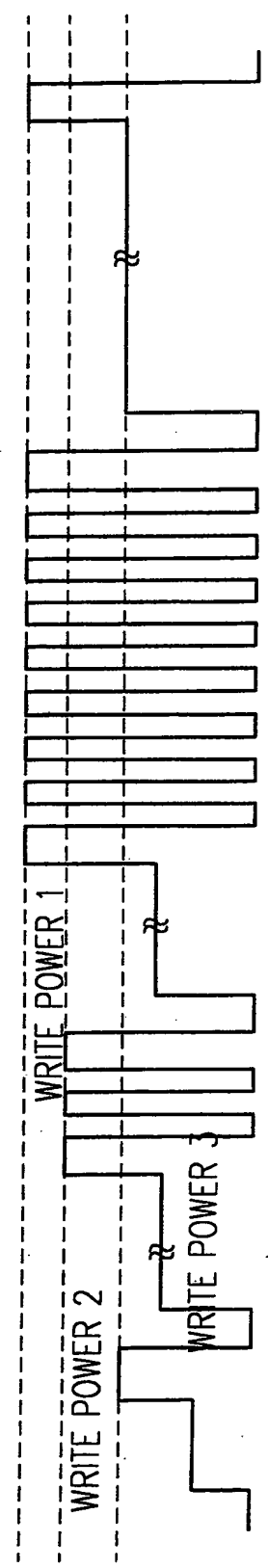
FOUO 8285660

FIG. 3A



FOOT" 8285650

FIG. 3B



AP\_type()=3  
 APPLY ADAPTIVE POWER LEVEL TO WRITE PULSE  
 DEPENDING ON SIZE OF CURRENT MARK

FIG. 4

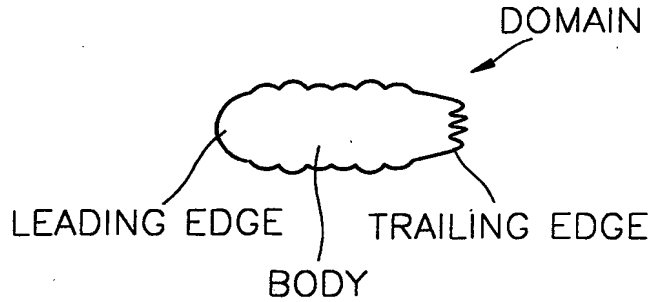
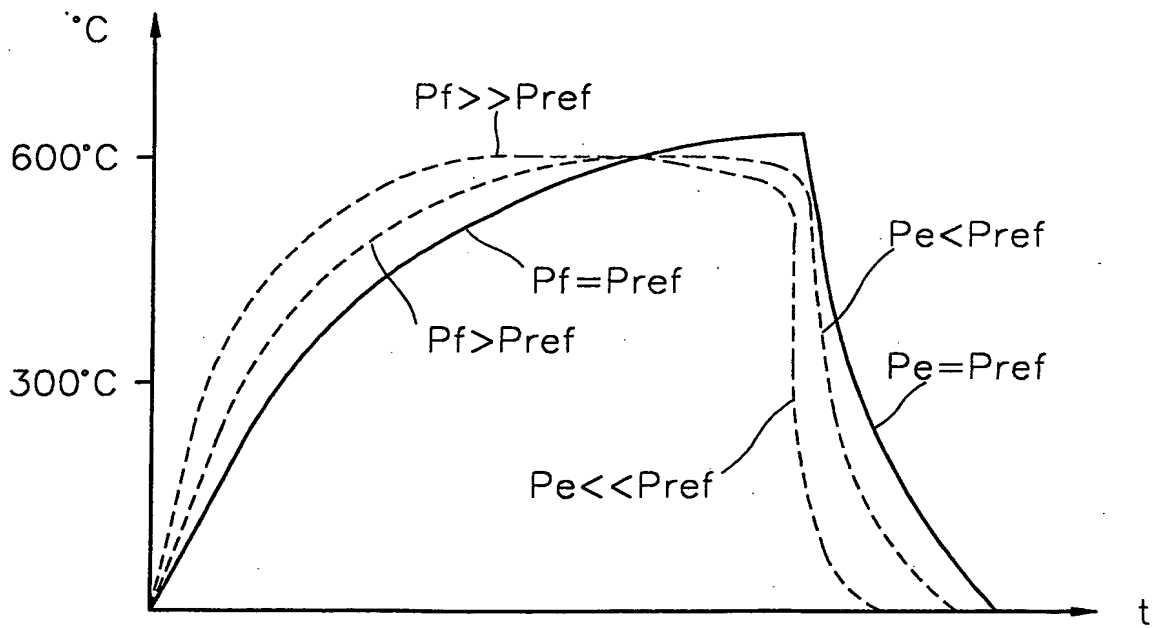


FIG. 5

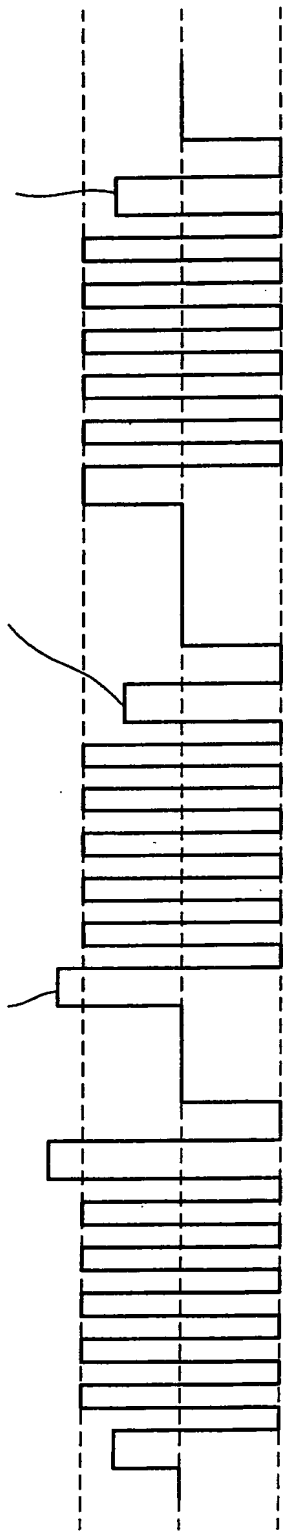


10621-825660

106211 8285660

FIG. 6A

CHANGED DEPENDING ON CHANGED DEPENDING ON CHANGED DEPENDING ON  
PREVIOUS SPACE AND CURRENT MARK AND NEXT SPACE ON SIZE OF  
CURRENT MARK CURRENT MARK



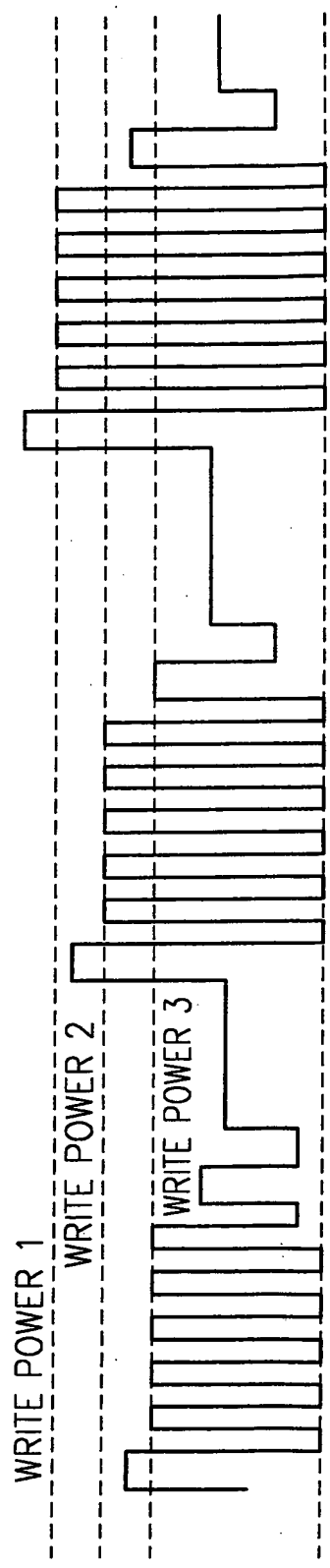
$AP\_type()=4$   
APPLY ADAPTIVE POWER  
TO FIRST & LAST PULSES

$AP\_type()=5$   
APPLY ADAPTIVE POWER  
TO FIRST & LAST PULSES

$AP\_type()=6$   
APPLY ADAPTIVE POWER  
ONLY TO LAST PULSE

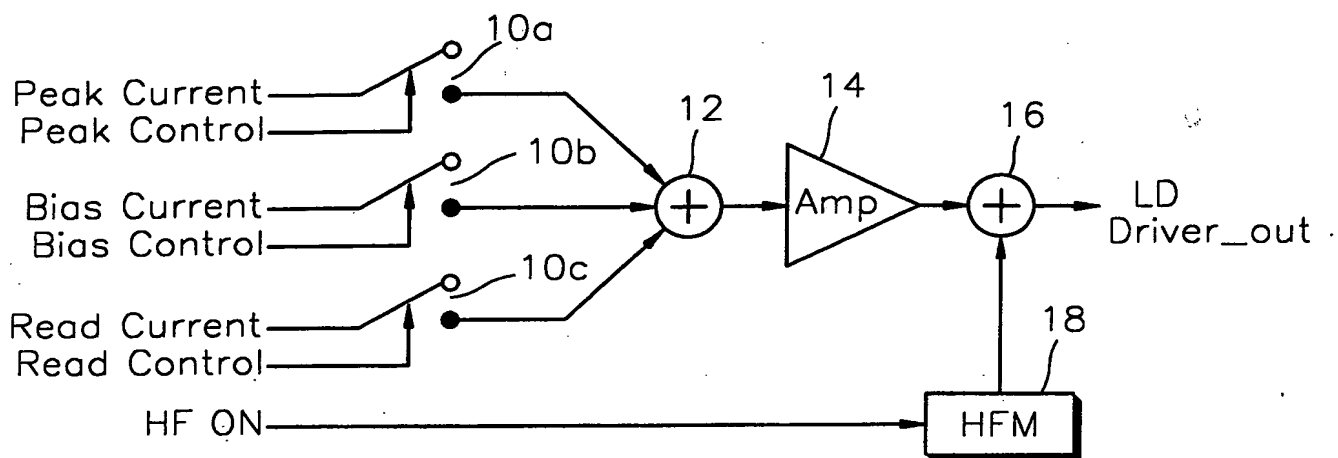
TD62T-8285660

FIG. 6B



AP\_type()=7  
APPLY ADAPTIVE POWER TO FIRST & LAST PULSES  
AND APPLY ADAPTIVE POWER LEVEL  
DEPENDENT ON SIZE OF CURRENT MARK

FIG. 7 (PRIOR ART)



0095828-112001



FIG. 8 (PRIOR ART)

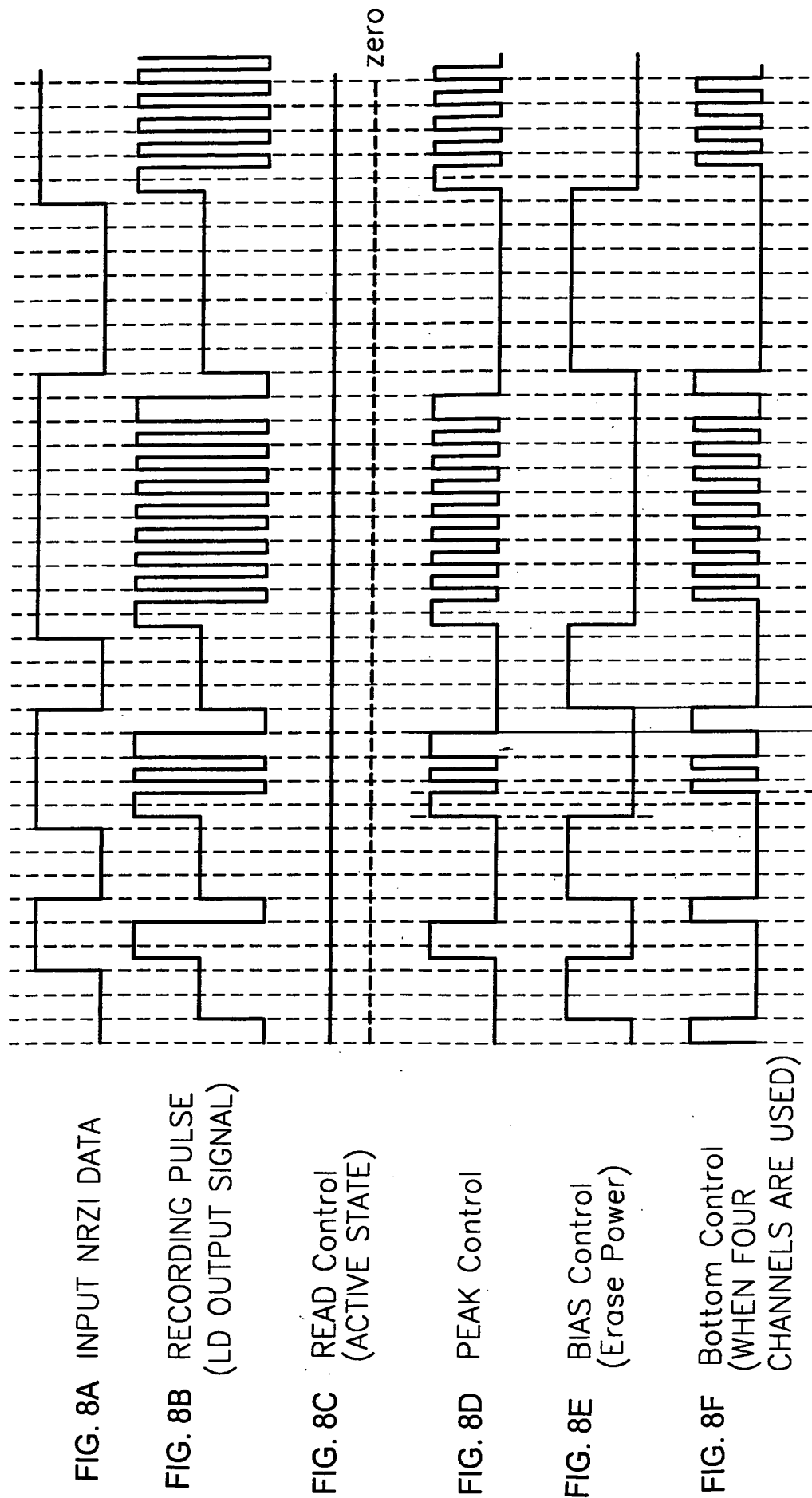
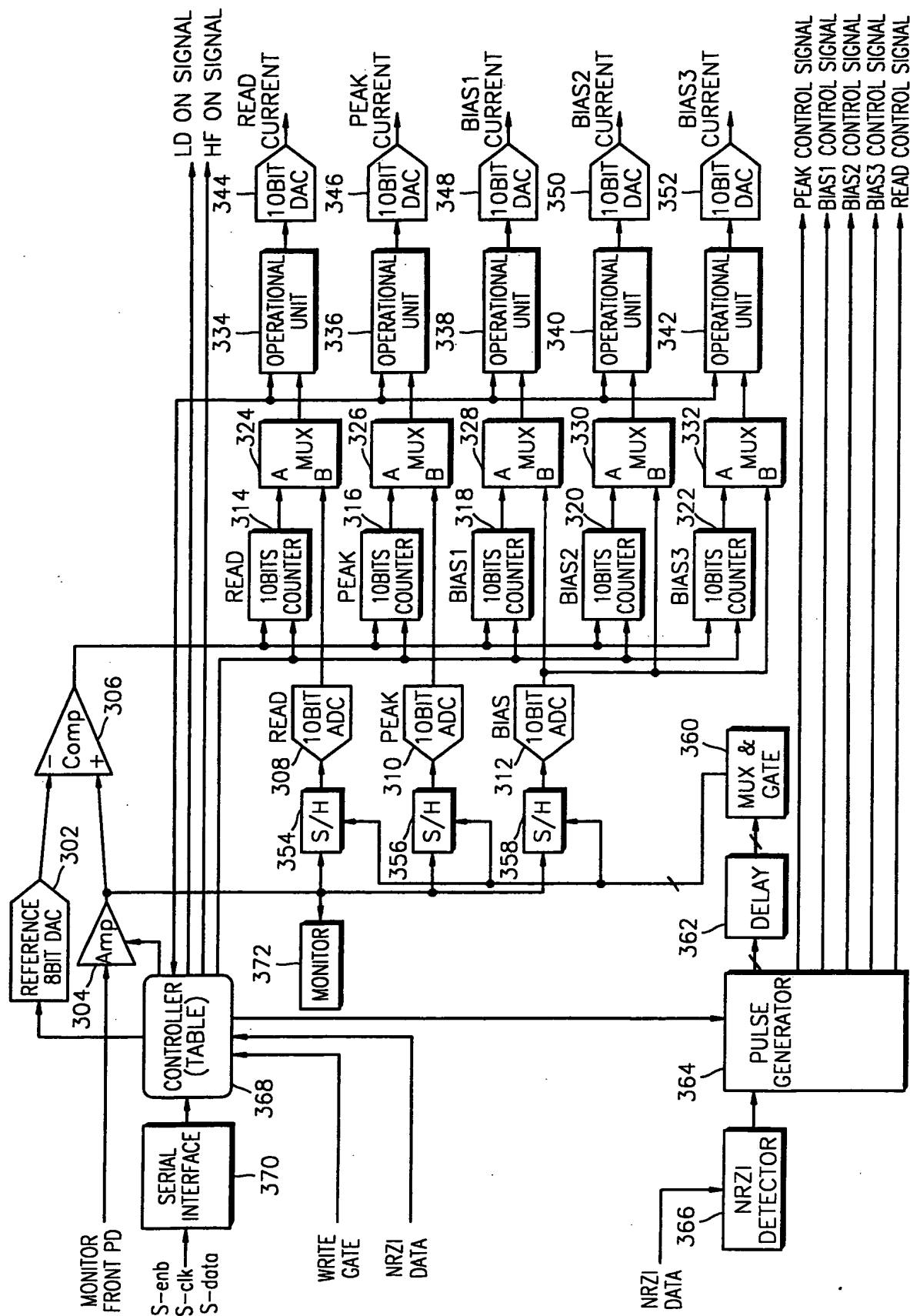


FIG. 9 (PRIOR ART)



**FIG. 10**

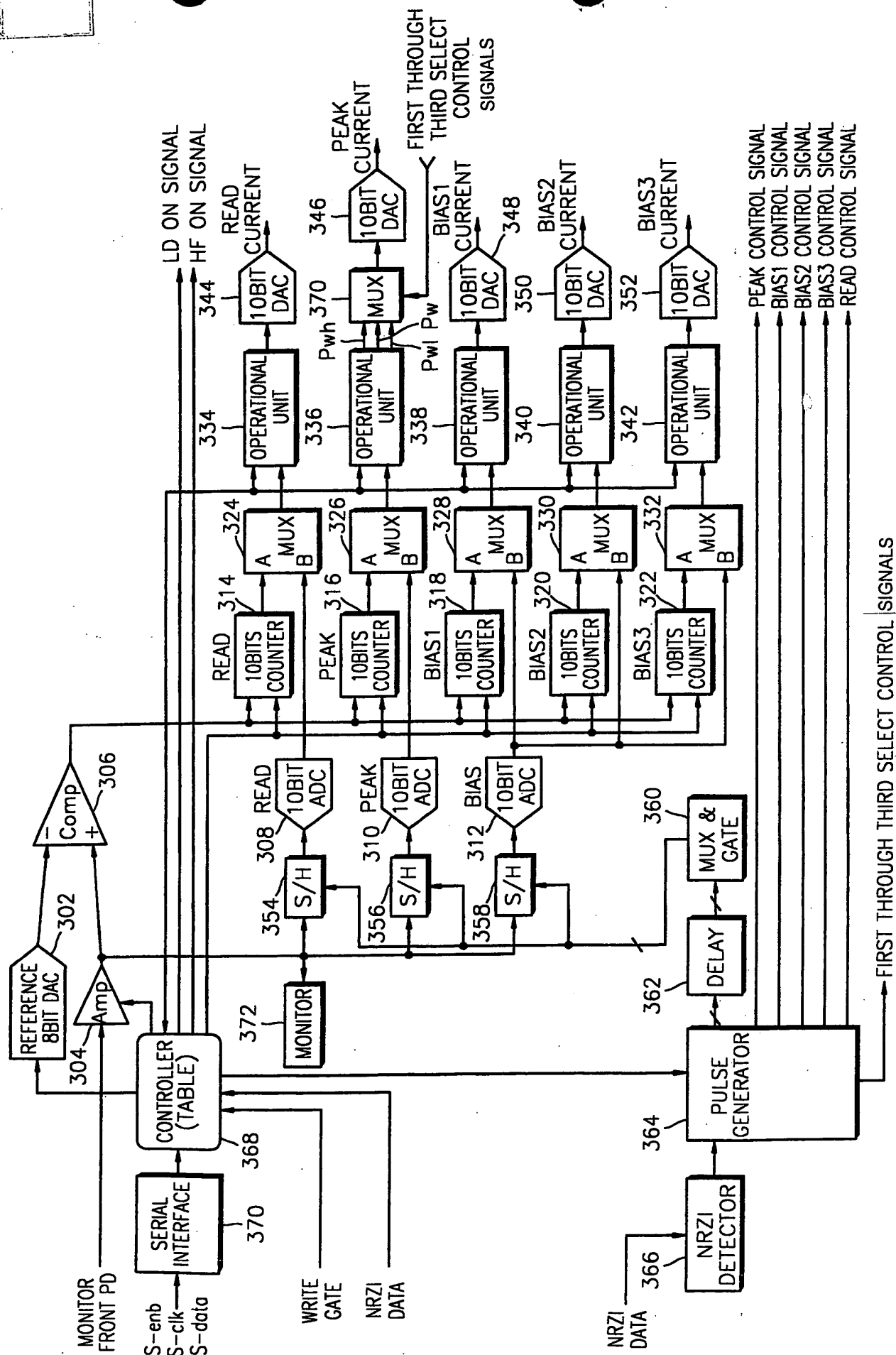


FIG. 11

FIG. 11A INPUT NRZI DATA

FIG. 11B RECORDING PULSE  
(LD OUTPUT SIGNAL)

FIG. 11C READ Control  
(ACTIVE STATE)

FIG. 11D PEAK Control

FIG. 11E BIAS Control  
(Erase Power)

FIG. 11F Bottom Control  
(WHEN FOUR  
CHANNELS ARE USED)

FIG. 11G FIRST SELECT  
CONTROL

FIG. 11H SECOND SELECT  
CONTROL

FIG. 11I THIRD SELECT  
CONTROL

